

VB图像处理之二次线性插值的应用 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/137/2021_2022_VB_E5_9B_BE_E5_83_8F_E5_A4_c97_137656.htm 上次讲到了用DIB方法来获取图像的像素。从这次开始将如果运用已经得到的像素来处理图像。图像插值放大的方法有很多，最主要的有二次线性插值和三次线性插值这两种。这次我把自己的程序中所用的二次线性插值的算法公布给大家，希望对各位要使用VB写类似程序的朋友有所帮助。程序中用到的API、数据类型、全局变量的定义请参考上一篇：《VB实现图像在数据库的存储与显示》

```
Public Sub ZoomImage(ByVal OutPutWidth As Long, ByVal OutputHeight As Long) Dim I As Long Dim L As Long Dim X As Long Dim Y As Long Dim Xb As Long Dim Yb As Long Dim Xe As Long Dim Ye As Long Dim M As Integer Dim N As Integer Dim CurR As Long Dim CurG As Long Dim CurB As Long Dim NxtR As Integer Dim NxtG As Integer Dim NxtB As Integer Dim DR As Single Dim DG As Single Dim DB As Single Dim DRt As Single Dim DGt As Single Dim DBt As Single Dim Xratio As Single Dim Yratio As Single Dim CurStep As Single Dim NxtStep As Single Dim NegN As Single
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